

Table ENG-5. - Sanitary Facilities

Dinwiddie Area, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:					
Altavista	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
State	8	Not Rated		Not Rated	
Roanoke	7	Not Rated		Not Rated	
1B:					
Altavista	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
State	8	Not Rated		Not Rated	
Roanoke	7	Not Rated		Not Rated	
2B:					
Appling	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.68
Cecil	5	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
2C:					
Appling	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
Cecil	5	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2C:					
Roanoke	3	Not Rated		Not Rated	
2D:					
Appling	85	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
Cecil	5	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
3B:					
Appling	45	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 0.32
Urban land	40	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	
3C:					
Appling	45	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 1.00
Urban land	40	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	

4B:

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4B:					
Cecil	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
4B3:					
Cecil	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
4C:					
Cecil	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
4D:					
Cecil	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4D:					
Roanoke	1	Not Rated		Not Rated	
5A:					
Emporia	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.90
		Depth to saturated zone	1.00	Seepage	0.32
Slagle	9	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
5B:					
Emporia	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.90
		Depth to saturated zone	1.00	Seepage	0.32
				Slope	0.32
Slagle	9	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
5C:					
Emporia	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.90
				Seepage	0.32
Slagle	9	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	

6D:

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6D:					
Emporia	45	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.90
		Slope	1.00	Seepage	0.32
Slagle	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	1.00	Seepage	1.00
		Slope	1.00	Depth to saturated zone	0.02
Mattaponi	9	Not Rated		Not Rated	
Roanoke	8	Not Rated		Not Rated	
Uchee	8	Not Rated		Not Rated	
7B:					
Emporia	40	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.90
		Depth to saturated zone	1.00	Seepage	0.32
				Slope	0.08
Urban land	40	Not Rated		Not Rated	
Slagle	9	Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8B:					
Georgeville	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	

8B3:

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B3:					
Georgeville	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8C:					
Georgeville	85	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8C3:					
Georgeville	85	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8D:					
Georgeville	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8D:					
Roanoke	1	Not Rated		Not Rated	
9B:					
Helena	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
		Depth to saturated zone	1.00	Depth to saturated zone	0.25
Appling	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
9C:					
Helena	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.25
		Slope	0.37		
Appling	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
10B:					
Herndon	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Georgeville	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
10C:					
Herndon	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10C:					
Georgeville	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
11B:					
Iredell	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.68
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Georgeville	3	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
11C:					
Iredell	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	<0.01
		Slope	0.37		
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Georgeville	3	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
12A:					
Mattaponi	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.17
		Depth to saturated zone	0.84		
Emporia	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12B:					
Mattaponi	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.32
		Depth to saturated zone	0.84	Depth to saturated zone	0.17
Emporia	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
12C:					
Mattaponi	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	0.84	Depth to saturated zone	0.17
Emporia	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
13B:					
Mattaponi	60	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.17
		Depth to saturated zone	0.84	Slope	0.08
Urban land	40	Not Rated		Not Rated	
14A:					
Myatt	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.32
Roanoke	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
15B:					

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15B:					
Nansemond	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	1.00
				Slope	0.32
Altavista	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
15C:					
Nansemond	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	1.00
				Slope	1.00
Altavista	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
State	2	Not Rated		Not Rated	
16A:					
Roanoke	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Altavista	3	Not Rated		Not Rated	
Helena	3	Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A:					
Slagle	3	Not Rated		Not Rated	
17A:					
Slagle	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Restricted permeability	1.00	Depth to saturated zone	0.02
Emporia	8	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Myatt	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
17B:					
Slagle	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Restricted permeability	1.00	Slope	0.32
				Depth to saturated zone	0.02
Emporia	8	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Myatt	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
17C:					
Slagle	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	1.00	Seepage	1.00
				Depth to saturated zone	0.02
Emporia	8	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Myatt	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	

18A:

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18A:					
State	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Altavista	8	Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
19B:					
Uchee	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
		Restricted permeability	0.68	Slope	0.08
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
19C:					
Uchee	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Depth to saturated zone	0.94	Seepage	1.00
		Restricted permeability	0.68	Depth to saturated zone	0.39
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
20:					
Udorthents	85	Not Rated		Not Rated	
Appling	5	Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
DAM:					
Dam	100	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
W: Water	100	Not Rated		Not Rated	